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AMENDMENTS TO THE CLAIMS

1. (Original) A ceramic slurry composition comprising:

a ceramic raw material powder;

a water-soluble acrylic binder; and

an aqueous solvent,

wherein said water-soluble acrylic binder has a weight average molecular weight of from about 10,000 to 500,000, and has an inertial square radius of not more than about 100 nm in the aqueous solvent.

2. (Original) A ceramic slurry composition according to Claim 1, wherein said water-soluble acrylic binder has a number of aggregated molecules denoted by X and a second viral coefficient denoted by Y in the range satisfying the following relationship:

Y@-0.0002X2-0.0004X+0.0051

wherein Xo1 and Yo0.00023.

- 3. (Original) The ceramic slurry composition according to Claim 2, wherein said water-soluble acrylic binder is a copolymer containing from about 93 to 99 % by weight of alkyl (meth)acrylate which does not dissolve in water as a homopolymer at ambient temperatures and under atmospheric pressure, and from about 1.0 to 7.0 % by weight of a carboxyl group-containing unsaturated monomer.
- 4. (Original) The ceramic slurry composition according to Claim 3, wherein the alkyl groups of said alkyl (meth)acrylate have from 1 to 8 carbon atoms.
- 5. (Original) The ceramic slurry composition according to Claim 4, wherein said alkyl acrylate is at least one member selected from the group consisting of methyl

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acrylate, ethyl acrylate, isopropyl acrylate, n-butyl acrylate, isobutyl acrylate, cyclohexyl acrylate and 2-ethylhexyl acrylate.

- 6. (Original) The ceramic slurry composition according to Claim 4, wherein said alkyl methacrylate is at least one selected from the group consisting of methyl methacrylate, ethyl methacrylate, isopropyl methacrylate, n-butyl methacrylate, isobutyl methacrylate, cyclohexyl methacrylate and 2-ethylhexyl methacrylate.
- 7. (Original) The ceramic slurry composition according to Claim 3, wherein said carboxyl group-containing unsaturated monomer is an unsaturated carboxylic acid or partial ester thereof.
- 8. (Original) The ceramic slurry composition according to Claim 7, wherein said carboxyl group-containing unsaturated monomer is (meth)acrylic acid or a half ester thereof.
- 9. (Original) The ceramic slurry composition according to Claim 1, wherein said water-soluble acrylic binder is a neutralized salt.
- 10. (Original) The ceramic slurry composition according to Claim 1, wherein said water-soluble acrylic binder is a copolymer containing from about 93 to 99 % by weight of alkyl (meth)acrylate which does not dissolve in water as a homopolymer at ambient temperatures and under atmospheric pressure, and from about 1.0 to 7.0 % by weight of a carboxyl group-containing unsaturated monomer.
- 11. (Original) The ceramic slurry composition according to Claim 10, wherein the alkyl groups of said alkyl (meth)acrylate have from 1 to 8 carbon atoms.

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12. (Original) The ceramic slurry composition according to Claim 11, wherein said carboxyl group-containing unsaturated monomer is an unsaturated carboxylic acid or partial ester thereof.

13. (Original) The ceramic slurry composition according to Claim 12, wherein said carboxyl group-containing unsaturated monomer is (meth)acrylic acid or a half ester thereof.

14. (Original) The ceramic slurry composition according to Claim 10 in the form of a ceramic green sheet.

15. (Original) The ceramic slurry composition according to Claim 4 in the form of a ceramic green sheet.

16. (Original) The ceramic slurry composition according to Claim 3 in the form of a ceramic green sheet.

17. (Original) The ceramic slurry composition according to Claim 2 in the form of a ceramic green sheet.

18. (Original) The ceramic slurry composition according to Claim 1 in the form of a ceramic green sheet.

19 - 20. (Cancelled)